

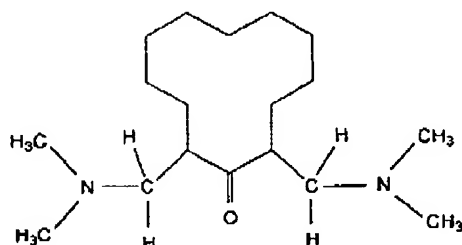
Appl. No. 10/731,769

Prelim. Amdt. Dated June 28, 2004

Amendments to the Specification:

Please replace paragraph [0061] on page 18 with the following amended paragraph:

[0061] The Mannich base denoted 649641P ( $C_{18}H_{34}Cl_2N_2O$ ; MW 369.41), also referred to as NC1153, as a mixture of its stereoisomers, and having the general formula



was added to T-cells undergoing Jak3- versus Jak2-dependent proliferation, as described above, to test its ability to selectively inhibit Jak3. Fig. 1A. is a graph showing the effect of 649641P (NC1153) on proliferation of  $\gamma$ c/Jak3-dependent PHA-activated human T-cells. Quiescent PHA-activated human T-cells ( $5.0 \times 10^4$  cells/well) were cultured in the absence or presence of 1 nM human IL-2 (■), IL-4 (•), or IL-7 (▲) with increasing concentrations of 649641P (NC1153) (ordinate) for 16 hours at 37°C. Cells were then pulsed with [ $^3$ H]-thymidine (0.5  $\mu$ Ci/200  $\mu$ l) for 4 hours and incorporated radiolabeled probe plotted on the abscissa expressed as % inhibition of total cpm from DMSO-treated sample sets (n = 6).